

INTERNATIONAL SEARCH REPORT

IB2004/050867

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H01L51/10

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H01L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)
EPO-Internal, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A	TW 515 062 B (DELTA OPTOELECTRONICS INC) 21 December 2002 (2002-12-21) the whole document figures 5,6	1-5 6-8
X A	US 2002/018911 A1 (BERNIUS MARK T ET AL) 14 February 2002 (2002-02-14) paragraphs '0017! - '0035!; figure 3	1-5 6-8
A	US 2003/066311 A1 (TSAI JIUN-WEI ET AL) 10 April 2003 (2003-04-10) figure 4	1-8
A	WO 02/21557 A (INST OF MATERIALS RES & ENGINE; OSRAM OPTO SEMICONDUCTORS GMBH ; AUCH) 14 March 2002 (2002-03-14) the whole document figure 2	1-8

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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- *O* document referring to an oral disclosure, use, exhibition or other means
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Date of the actual completion of the international search

3 November 2004

Date of mailing of the international search report

24/11/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 04, 31 August 2000 (2000-08-31) & JP 2000 030858 A (TDK CORP), 28 January 2000 (2000-01-28) abstract	1-8
P,X	----- US 2003/122476 A1 (DELTA OPTOELECTRONICS INC) 3 July 2003 (2003-07-03) the whole document figures 5,6 -----	1-5

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			JP	2003203763 A	18-07-2003